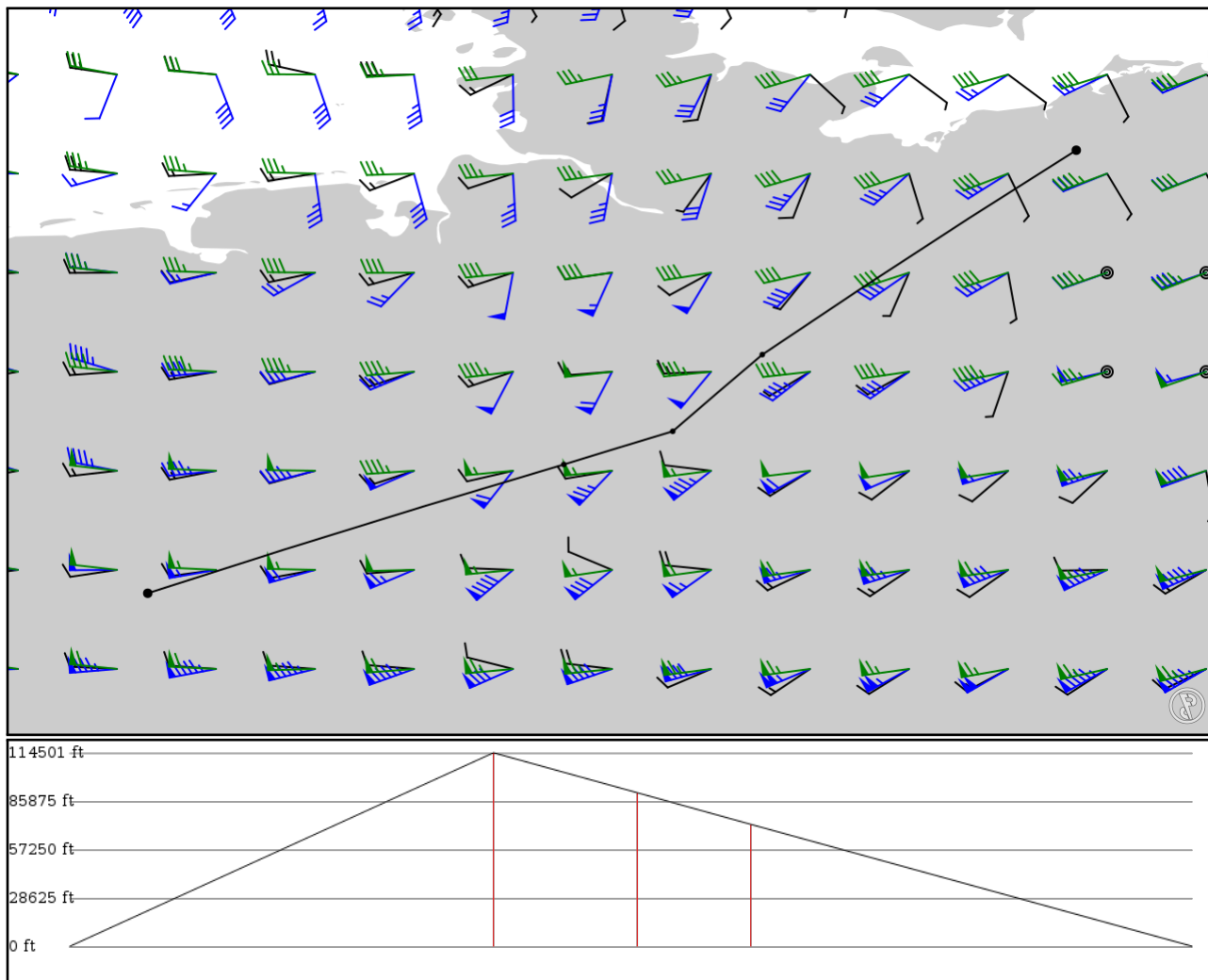


2024/05/06 0713Z

ETNL OBATU **Z113** DLE **UZ717** PIROT EDDL

261.83 nm / 484.91 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ETNL	-	53.91810	0 ft	-	Rostock-Laage
APT	-	12.27930	0 m		
OBATU	-	52.70540	34,900 ft	98	-
FIX	-	10.41520	10,638 m		
DLE	Z113	52.25030	27,700 ft	33	LEINE
VOR	AWY-HI	9.88349	8,443 m		
PIROT	UZ717	52.05340	22,000 ft	26	-
FIX	AWY-HI	9.23690	6,706 m		
EDDL	-	51.28940	0 ft	102	Dusseldorf
APT	-	6.76662	0 m		

## ETNL

Region: GERMANY - MILITARY  
Timezone: EUROPE/BERLIN  
Runways: 1

Elevation: 141 ft / 43 m  
Location: 53.918100 12.279300  
Magnetic Var: 4.416 E

## METAR

ETNL 060620Z 27009KT 9999 FEW010 BKN014 11/08 Q1007 GRN GRN BECMG BLU

## TAF

UNKNOWN

## Frequencies

DEP - 133.10 MHz - LAAGE RADAR  
TWR - 122.10 MHz - TOWER  
GND - 122.00 MHz - APRON CIVIL

APP - 123.30 MHz - LAAGE RADAR  
TWR - 118.42 MHz - TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	8,243 ft	97.70	ASPHALT	0 ft	997 ft
	45 m	2,513 m	93.29		0 m	304 m
27	148 ft	8,243 ft	277.73	ASPHALT	0 ft	1,001 ft
	45 m	2,513 m	273.32		0 m	305 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	LOC-ILS	ILAE	108.55 MHz	18 nm	97.72	-	141 ft
				33 km	93.30		141 m
27	LOC-ILS	ILAW	108.30 MHz	18 nm	277.72	-	141 ft
				33 km	273.30		141 m
09	GS	ILAE	108.55 MHz	10 nm	97.72	3.01	141 ft
				19 km	93.30		141 m
27	GS	ILAW	108.30 MHz	10 nm	277.72	3.00	141 ft
				19 km	273.30		141 m

## EDDL

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 2

Elevation: 145 ft / 44 m  
Location: 51.289400 6.766620  
Magnetic Var: 2.676 E

## METAR

EDDL 060650Z AUTO 05004KT 9999 BKN041 14/10 Q1007 NOSIG

## TAF

TAF EDDL 060500Z 0606/0712 07004KT 9999 BKN040 BECMG 0618/0621 RA BKN012 PROB30 TEMPO 0618/0622 2000 +TSRA BKN007

## Frequencies

REC - 123.77 MHz - ATIS	CLD - 121.77 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - GROUND	GND - 121.60 MHz - GROUND
GND - 121.67 MHz - GROUND	TWR - 118.30 MHz - TOWER
TWR - 124.35 MHz - TOWER	APP - 128.55 MHz - LANGEN RADAR
APP - 121.35 MHz - LANGEN RADAR	APP - 128.50 MHz - LANGEN RADAR
APP - 128.65 MHz - DUSSELDORF DIRECTOR	DEP - 133.77 MHz - DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	9,851 ft	52.68	CONCRETE	984 ft	659 ft
	45 m	3,003 m	50.00		300 m	201 m
23L	148 ft	9,851 ft	232.71	CONCRETE	984 ft	702 ft
	45 m	3,003 m	230.03		300 m	214 m
05L	148 ft	8,866 ft	52.68	CONCRETE	994 ft	906 ft
	45 m	2,702 m	50.00		303 m	276 m
23R	148 ft	8,866 ft	232.70	CONCRETE	971 ft	928 ft
	45 m	2,702 m	230.02		296 m	283 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	IDNE	110.95 MHz	18 nm	52.69	-	145 ft
				33 km	50.01		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.02		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.02		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.01		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.01		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.02		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.02		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.01		145 m